

88-1066A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Douglas D. Klendworth et al.

: Group Art Unit: 1754

Serial No. 10/055,072

: Examiner: unknown

Filed: January 23, 2002

:

For: PROCESS FOR MAKING POLYOLEFIN
COMPOSITIONS CONTAINING EXFOLIATED CLAY

:

:

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicants submit here a list of references they believe are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449, and copies of the references are enclosed.

Applicants respectfully ask the Examiner to consider the cited references.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on March 27, 2002.

Jonathan L. Schuchardt
Name of person signing

Jonathan L. Schuchardt
Signature

Respectfully submitted,

Douglas D. Klendworth et al.

By: Jonathan L. Schuchardt
Jonathan L. Schuchardt
Reg. No. 34,428
Attorney for Applicant(s)
Lyondell Chemical Company
3801 West Chester Pike
Newtown Square, PA 19073
Customer Number 24114
Phone: (610) 359-2276
March 27, 2002

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Rev. 7/89		Attorney Docket: 88-1066A		Page 1 of 1				
		Serial No. 10/055,072		Examiner: Unknown				
LIST OF PRIOR ART CITED BY APPLICANT		Applicant: Douglas D. Klendworth et al.		Filing Date: 01/23/2002				
		FOR: PROCESS FOR MAKING POLYOLEFIN COMPOSITIONS CONTAINING EXFOLIATED CLAY		Group Art: 1754 Date: March 27, 2002				
U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate	
	AA	4,473,672	09/25/84	Bottrill	523	215	03/29/82	
	AB	4,483,938	11/20/84	Rees	502	113	12/30/81	
	AC	4,564,647	01/14/88	Kayaahl et al.	523	211	11/08/84	
	AD	5,830,820	11/03/98	Yano et al.	502	62	03/13/97	
	AE	5,906,956	05/25/99	Hamura et al.	502	103	12/16/97	
	AF	5,925,587	07/20/99	Lee et al.	502	117	11/10/97	
	AG	6,034,187	03/07/00	Maehama et al.	626	72	05/21/98	
	AH	6,110,858	08/29/00	Kaneko et al.	502	62	12/16/97	
	AI	6,252,020	06/26/01	Kuo et al.	528	128	04/05/99	
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 01/30864	05/03/01	PCT				
	AM	0 222 504	10/07/86	European				
	AN							
	AO							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR	Bergman et al., <i>Synthesis And Characterization Of Polyolefin-Silicate Nanocomposites: A Catalyst Intercalation And In Situ Polymerization Approach</i> , Chem. Commun. (1999), pp 2179-2180.						
	AS	Izumi, Y. et al., <i>Zeolite, Clay, and Heteropoly Acid In Organic Reactions</i> , VCH Publishers Inc. (1992), pp 49-54.						
	AT							
Examiner				Date Considered				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Notice of References CitedApplication/Control No.
10/055,072Applicant(s)/Patent Under Reexam
Klendworth et al.Examiner
Ling-Siu ChoiArt Unit
1713

Page 1 of 1

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* A	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²	
x	A 4,473,672	9/1984	Bottrill	523	215
	B 6,465,543	10/2002	Alexandre et al.	523	213
x	C 5,830,820	11/1998	Yano et al.	502	62
x	D 6,034,187	3/2000	Machama et al.	526	72
x	E 6,110,858	8/2000	Kaneko et al.	502	62
x	F 6,252,020	6/2001	Kuo et al.	526	128
	G 6,399,535	6/2002	Shih et al.	502	187
	H				
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	M				

FOREIGN PATENT DOCUMENTS

* A	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²	
N	WO 95/06090	3/1995	PCT	Maxfield et al.	----	----
O	WO 97/00910	1/1997	PCT	Elspass et al.	----	----
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

* A	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages					
	U					
	V					
	W					
	X					

¹ A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).¹ Dates in MM-YYYY format are publication dates.² Classifications may be U.S. or foreign.

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Le	AA	4,473,672	09/25/84	Bottrill	523	215	03/29/82
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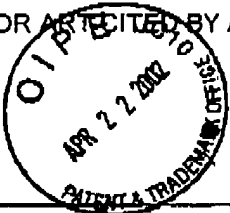
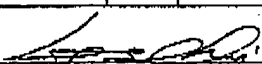
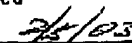
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le	AR	Alexandre et al., Polyethylene-Layered Silicate Nanocomposites Prepared By The Polymerization-Filling Technique: Synthesis And Mechanical Properties, <u>Polymer</u> 43 (2002), pp 2123-2132.					
le	AS	Jin et al., Polyethylene/Clay Nanocomposite By In-Situ Exfoliation Of Montmorillonite During Ziegler-Natta Polymerization Of Ethylene, <u>Macromol. Rapid Commun.</u> 23, 2002, pp 135-140.					
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Jonathan L. Schuchardt
Name of person signing

Jonathan L. Schuchardt
Signature

Respectfully submitted,

Douglas D. Klendworth et al.

By: Jonathan L. Schuchardt
Jonathan L. Schuchardt
Reg. No. 34,428
Attorney for Applicant(s)
Lyondell Chemical Company
3801 West Chester Pike
Newtown Square, PA 19073
Customer Number 24114
Phone: (610) 359-2276
April 12, 2002

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	AR	Alexandre et al., <i>Polyethylene-Layered Silicate Nanocomposites Prepared By The Polymerization-Filling Technique: Synthesis And Mechanical Properties</i> , <u>Polymer</u> 43 (2002), pp 2123-2132.				
	AS	Jin et al., <i>Polyethylene/Clay Nanocomposite By In-Situ Exfoliation Of Montmorillonite During Ziegler-Natta Polymerization Of Ethylene</i> , <u>Macromol. Rapid Commun.</u> 23, 2002, pp 135-140.				
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